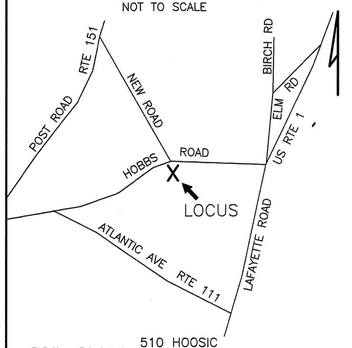
LOCUS MAP

NOT TO SCALE



510 HOOSIC
538 SQUAMSCOTT

SOIL CLASS: (SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB ELEV 50.00

#2 SET NAIL FENCE EL 50.23

#3 TOP OF FOUNDATION WALL EL 53.6

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.0
2. THERE IS/ARE APPROX 12" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 51.0)

(EQUALS 26" ABOVE ESHWT AT TEST PIT (EL 47.8±)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

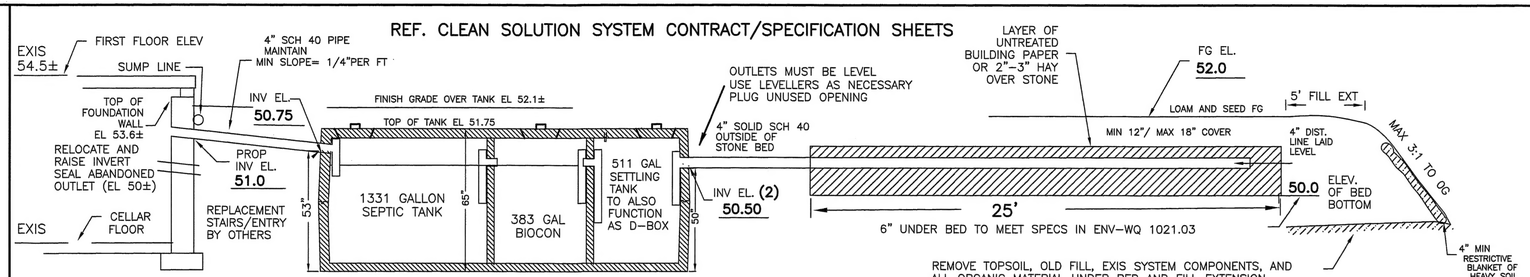
- 50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

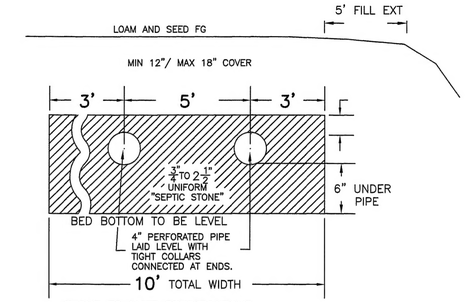
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD 5034–051
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 SEE RCRD 1517–097 (1959)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. NO SURFACE WATER OR WELL WITHIN 75' AND NO HYDRIC B SOILS WITHIN 50' OF PROPOSED SYSTEM.
5. EXISTING DWELLING IS 3 BEDROOM CAPACITY. CURRENT OCCUPANCY IS 2 PERSONS. OWNER SHOULD ADVISE ADVANCED ONSITE SYSTEMS OF ANY SIGNIFICANT CHANGE IN OCCUPANCY/ACTUAL USAGE.

PLOT PLAN
1"= APPROX 100'

REF. CLEAN SOLUTION SYSTEM CONTRACT/SPECIFICATION SHEETS





STONE TO MEET SPECIFICATIONS OUTLINED IN ENV–WQ 1016.04
MUST BE CLEAN, UNIFORM, AND WASHED.

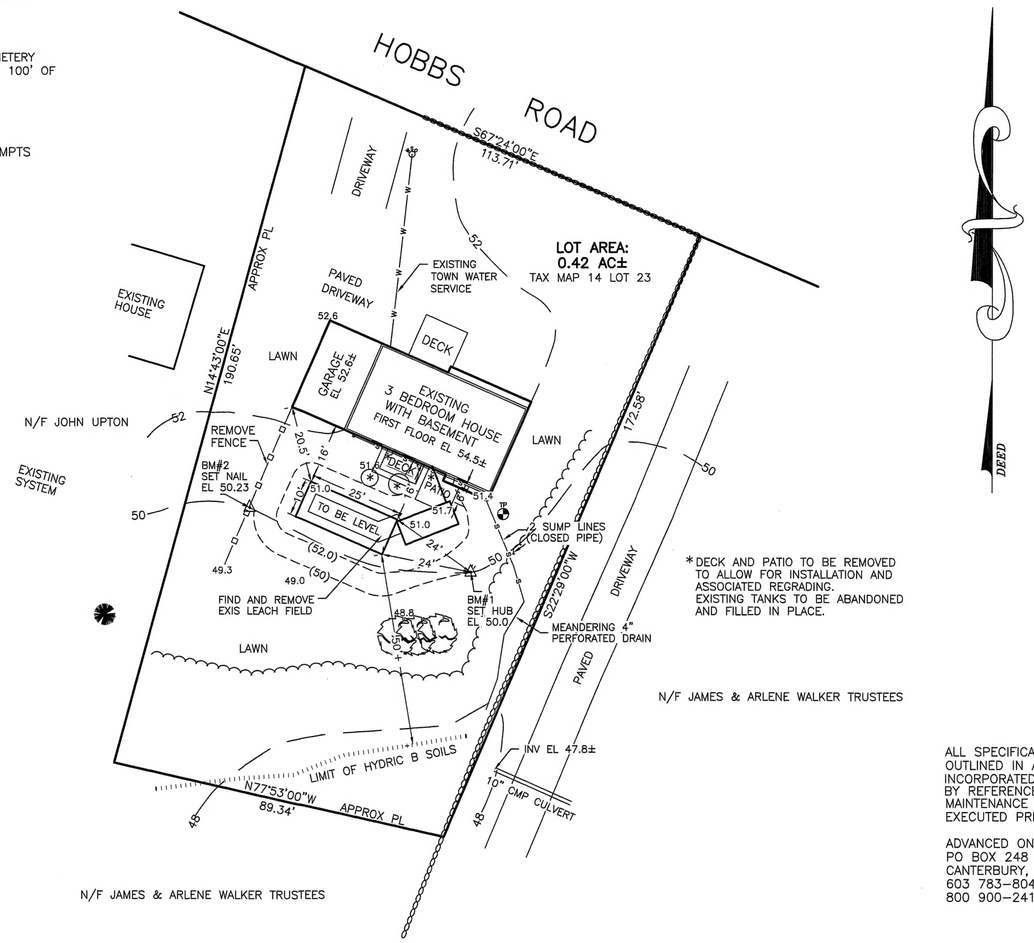
CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS.
THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL

EXISTING SYSTEM FAILURE EVIDENCED BY OBSERVED SATURATION OF LEACH FIELD EXPOSED DURING TEST PIT ATTEMPTS

PLAN : 1"=20'



*DECK AND PATIO TO BE REMOVED TO ALLOW FOR INSTALLATION AND ASSOCIATED REGRADING.
EXISTING TANKS TO BE ABANDONED AND FILLED IN PLACE.

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN AOS DOCUMENTS ARE INCORPORATED INTO THIS DESIGN BY REFERENCE.
MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

ADVANCED ONSITE SOLUTIONS LLC
PO BOX 248
CANTERBURY, NH 03224
603 783–8042
800 900–2415

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: MAY 22, 2014

TOWN INSPECTOR: MIKE CUOMO

TEST PIT #1 EL 51.0

0 –8" 10YR3/2 FINE SANDY LOAM, GRANULAR FRIABLE
8–38" 10YR4/3 MIXED TOPSOIL AND FILL, FRIABLE BLOCKY
38–45" 2.5Y2/2 FINE SANDY LOAM, FRIABLE BLOCKY W/ REDOX
45–70" 2.5Y5/4 FINE SANDY LOAM, FRIABLE BLOCKY WITH REDOX

ESHWT @ 38", ROOTS TO 4'±, OBS H2O @ 64", NO REFUSAL

TEST PIT WAS DUG AS CLOSE TO UPSLOPE SIDE OF PROPOSED SYSTEM AS POSSIBLE WITHOUT ENCOUNTERING EXISTING SATURATED LEACH FIELD.

PT PERC TEST DATA

PERC RATE: (N/A FOR AOS SYSTEM)

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE
NO ADDITIONAL BEDROOMS PROPOSED
NO ADDITIONAL LOADING PROPOSED

AREA REQUIRED: 75–100 MINIMUM REQUIRED PER

AREA PROPOSED: 10' X 25' = 250 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 18 HOBBS ROAD
NORTH HAMPTON, NH
TAX MAP 14 LOT 23

OWNER: RAIL & MELISSA MILIONE
18 HOBBS ROAD
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: MAY 23, 2014

APPROVAL: CA20141117823 6/5/2014

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